

The Commonwealth of Massachusetts  
Executive Office of Health and Human Services  
Department of Public Health  
William A. Hinton State Laboratory Institute  
305 South Street, Jamaica Plain, MA 02130

DEVAL L. PATRICK  
GOVERNOR

TIMOTHY P. MURRAY  
LIEUTENANT GOVERNOR

JUDYANN BIGBY, MD  
SECRETARY

JOHN AUERBACH  
COMMISSIONER

07/07/2011

Spencer Lord  
Assistant District Attorney, Suffolk County

Dear ADA Lord,

Enclosed is the information you requested in regards to Commonwealth vs. [REDACTED]  
Included are copies of the following:

1. Curriculum Vitae for Annie Dookhan and Kate Corbett.
2. Drug Analysis Laboratory Receipt.
3. Control Cards with analytical results for samples # [REDACTED]
4. Analysis sheets with custodial chemist's hand notations and test results.
5. GC/Mass Spectral analytical data for samples # [REDACTED]

Annie Dookhan was the custodial chemist and performed the preliminary testing and net weight for this sample. Kate Corbett was the confirmatory chemist and analyzed the GC/MS data for this sample.

If you have any questions about these materials, please call me at the number below.

Sincerely,

A handwritten signature in black ink, appearing to be "Annie Dookhan".

Annie Dookhan  
Chemist II  
Drug Analysis Lab  
Jamaica Plain, MA. 02130  
(617) 983-6631

## Curriculum Vitae

### Annie Khan (Dookhan)

#### Education:

University of Massachusetts, Boston, Ma, Master of Science in Chemistry.

University of Massachusetts, Boston, Ma, Bachelor of Science in Biochemistry.

#### Experience:

2003 – present

Chemist I, II, Massachusetts Department of Public Health, Drug Analysis Laboratory

\*Completed six-week training course conducted by senior staff within the Department of Public Health, Drug Analysis Laboratory.

\*Appointed Assistant Analyst by Assistant Commissioner of Public Health, 2004.

\*Responsible for the identification of illicit drugs to determine violations of harmful and narcotic drug laws.

\*Trained in the use of complex analytical instrumentation, microscopes and balances for the purpose of drug analysis.

\*Maintenance and repairs of all analytical instruments.

\*Responsible for the Quality Control of all analytical instruments, reagents and controls/standards.

\*Responsible for the Quality Control/Quality Assurance program for the drug lab.

\*Notary Public.

\*Qualified as an expert witness in Massachusetts Courts and U.S. District Court

2001 – 2003

QC Analyst I, II, UMMS-Massachusetts Biologic Laboratory, QC Material Control

\*Completed proficiency training conducted by a member of the staff within the MLB Quality Control and Quality Assurance Department.

\*Method Development for creating new techniques and enhancing vaccines for the QC Dept. and FDA.

\*Writing, revising and reviewing Standard Operating Procedures (SOPs).

\*Trained and supervised new chemists and interns for the department.

\*Routine QC testing of products for the FDA.

\*Trained in the use of complex analytical instrumentation, and balances for the purpose of QC analysis for product and validation projects.

\*Calibration, preventive maintenance, QC and QA of analytical instrumentation.

\*Complete testing of chemicals for Vendor Validation Project for the FDA.

\*Compendial testing and interpretation of the USP, ACS, FCC, AOAC, Merck Index, PDR, etc.

#### Additional Training:

Dept. of Justice – Forensics Professionals. (numerous trainings)

GLP/GMP course with Massachusetts Biologic Laboratory.

QC/QA training according to FDA Codes and Regulations.

GC and GC/MS courses with Agilent Technologies and Restek.

HPLC course with Waters Cooperation.

FTIR course with Spectros.

TOC training with MBL and Sievers.

#### Association:

American Chemical Society (ACS)

Northeastern Association of Forensics Science (NEAFS)

**DRUG RECEIPT**

CC #

BOOK #

63

PAGE #

72

DESTRUCTION #

District/Unit

A-1 DCU

Name &amp; Rank of Arresting Officer

S/D Wm DWAN

ID#

10060

DEFENDANT'S NAME

ADDRESS

CITY

STATE

MA

SCITUATE

**LAB USE ONLY**

DESCRIPTION OF ITEMS SUBMITTED

GROSS  
QUANTITYGROSS  
WEIGHTANALYSIS  
NUMBER

HEROIN

2 P/B'S

1.78g

**To be completed by ECU personnel only**

Name and Rank of Submitting Officer

ID#

9370

Received by

Date

10-13-10

ECU Control #

No. [REDACTED]

Date Analyzed: 1/7/11

City: Boston D.C.U. Police Dept.

Officer: P.O. Diana Lopez

Def: [REDACTED]

Amount:

Subst: SUB

No. Cont: 2 Cont: pb

Date Rec'd: 10/13/2010

No. Analyzed: 1

Gross Wt.: 1.78

Net Weight: 0.06

# Tests: 4 ASD  
• 2UAC

Prelim: Heroin

Findings: Heroin

# DRUG POWDER ANALYSIS FORM

SAMPLE #                      AGENCY Boston ANALYST AJ

No. of samples tested:            Evidence Wt.                     

## PHYSICAL DESCRIPTION:

Beige powdered substance  
172 pb

double bagged

Gross Wt ( 2 ): 0.3335

Gross Wt ( 1 ): 0.1586

Pkg. Wt:                     

Net Wt: 0.0623

## PRELIMINARY TESTS

### Spot Tests

Cobalt  
Thiocyanate ( + )                     

Marquis +

Froehde's +

Mecke's +

### Microcrystalline Tests

Gold  
Chloride                     

TLTA ( )                     

### OTHER TESTS

## PRELIMINARY TEST RESULTS

RESULTS Heroin

DATE 1-6-11

## GC/MS CONFIRMATORY TEST

RESULTS Heroin

MS  
OPERATOR KAC

DATE 1-7-11

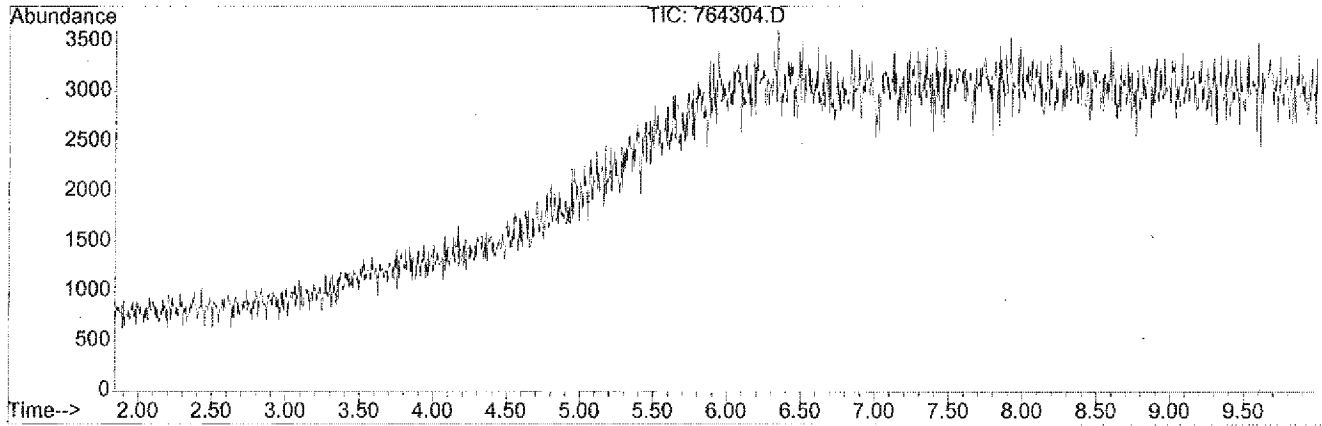
# Area Percent / Library Search Report

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## Information from Data File:

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Operator : ASD/KAC  
Date Acquired : 6 Jan 2011 13:00  
Sample Name : BLANK  
Submitted by :  
Vial Number : 1  
AcquisitionMeth: DRUGS  
Integrator : RTE

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Ret. Time	Area	Area %	Ratio %
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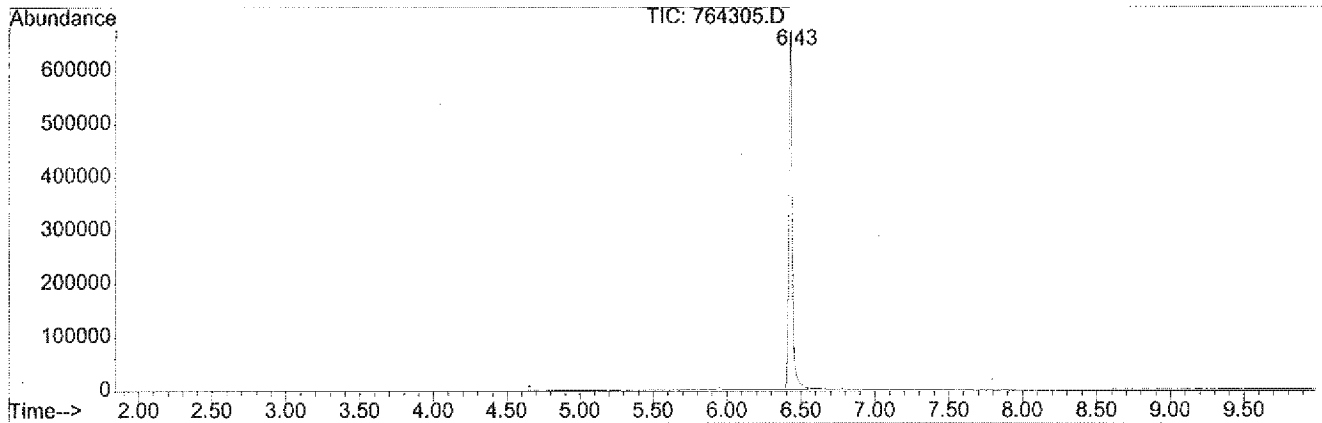
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\*\*\*NO INTEGRATED PEAKS\*\*\*

# Area Percent / Library Search Report

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 Operator : ASD/KAC  
 Date Acquired : 6 Jan 2011 13:12  
 Sample Name : HEROIN STD  
 Submitted by :  
 Vial Number : 5  
 AcquisitionMeth: DRUGS  
 Integrator : RTE



Ret. Time	Area	Area %	Ratio %
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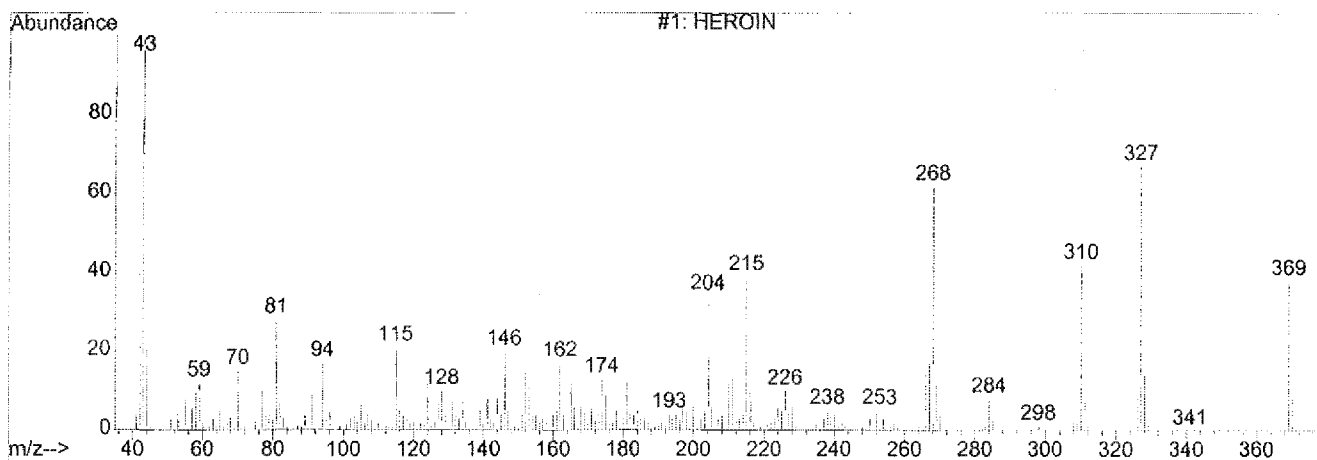
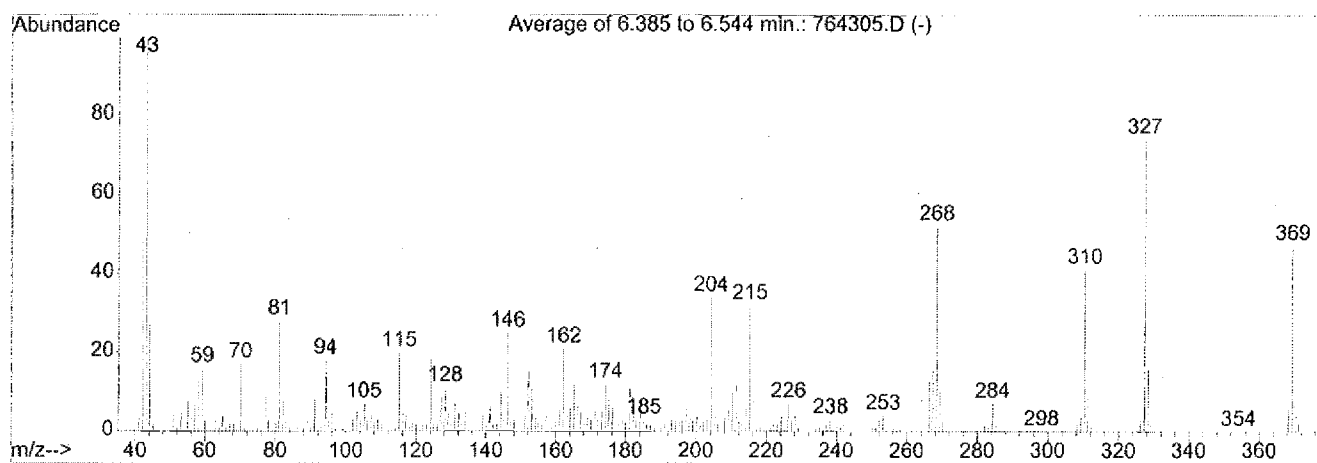
# Area Percent / Library Search Report

**Information from Data File:**

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 Operator : ASD/KAC  
 Date Acquired : 6 Jan 2011 13:12  
 Sample Name : HEROIN STD  
 Submitted by :  
 Vial Number : 5  
 AcquisitionMeth: DRUGS  
 Integrator : RTE

Search Libraries: C:\DATABASE\SLI.L Minimum Quality: 90  
 C:\DATABASE\PMW\_TOX2.L Minimum Quality: 90  
 C:\DATABASE\NIST98.L

PK#	RT	Library/ID	CAS#	Qual
1	6.43	C:\DATABASE\SLI.L HEROIN	000561-27-3	99





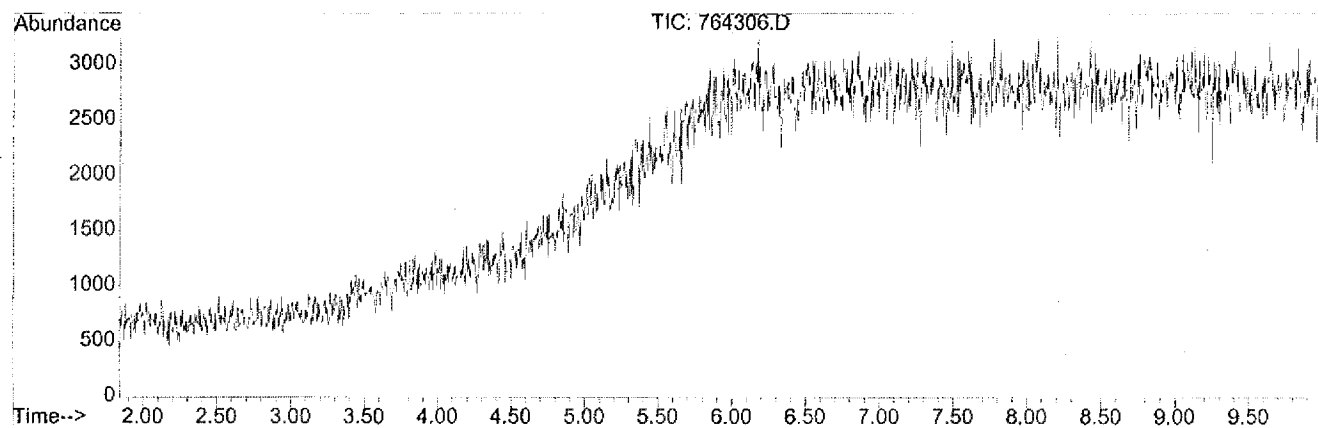
# Area Percent / Library Search Report

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Operator : ASD/KAC  
Date Acquired : 6 Jan 2011 13:25  
Sample Name : BLANK  
Submitted by : ASD  
Vial Number : 1  
AcquisitionMeth: DRUGS  
Integrator : RTE

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Ret. Time	Area	Area %	Ratio %
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\*\*\*NO INTEGRATED PEAKS\*\*\*

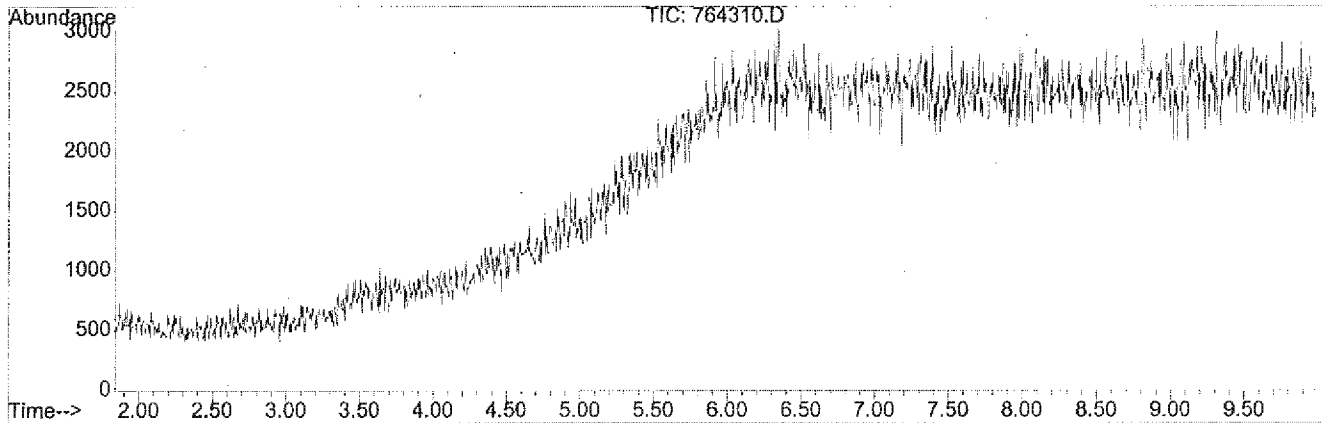
# Area Percent / Library Search Report

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Operator : ASD/KAC  
Date Acquired : 6 Jan 2011 14:19  
Sample Name : BLANK  
Submitted by : ASD  
Vial Number : 1  
AcquisitionMeth: DRUGS  
Integrator : RTE

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Ret. Time	Area	Area %	Ratio %
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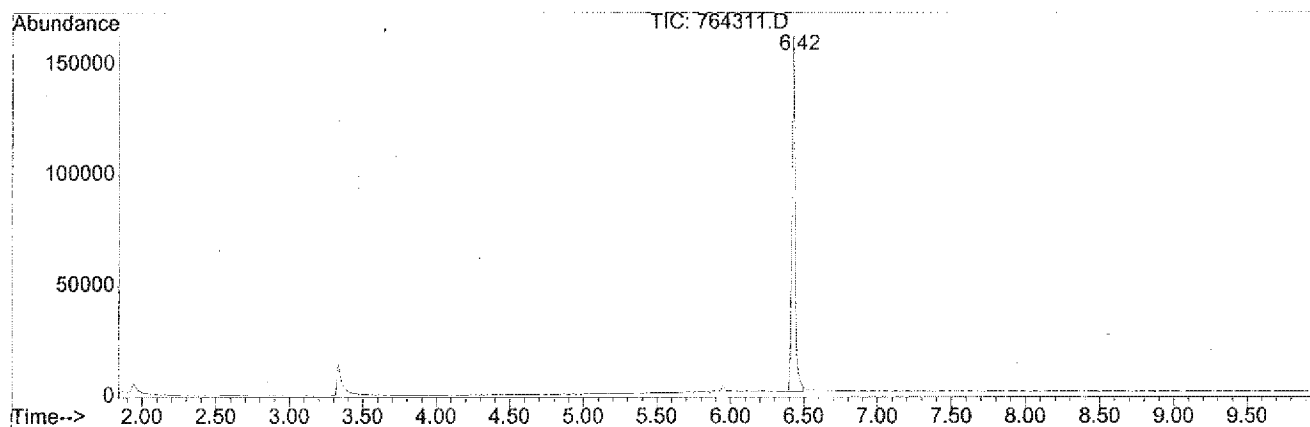
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\*\*\*NO INTEGRATED PEAKS\*\*\*

# Area Percent / Library Search Report

Information from Data File:

File Name : J:\01\_06\_11\764311.D  
 Operator : ASD/KAC  
 Date Acquired : 6 Jan 2011 14:32  
 Sample Name : XXXXXXXXXX  
 Submitted by : ASD  
 Vial Number : 11  
 AcquisitionMeth: DRUGS  
 Integrator : RTE



Ret. Time	Area	Area %	Ratio %
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# Area Percent / Library Search Report

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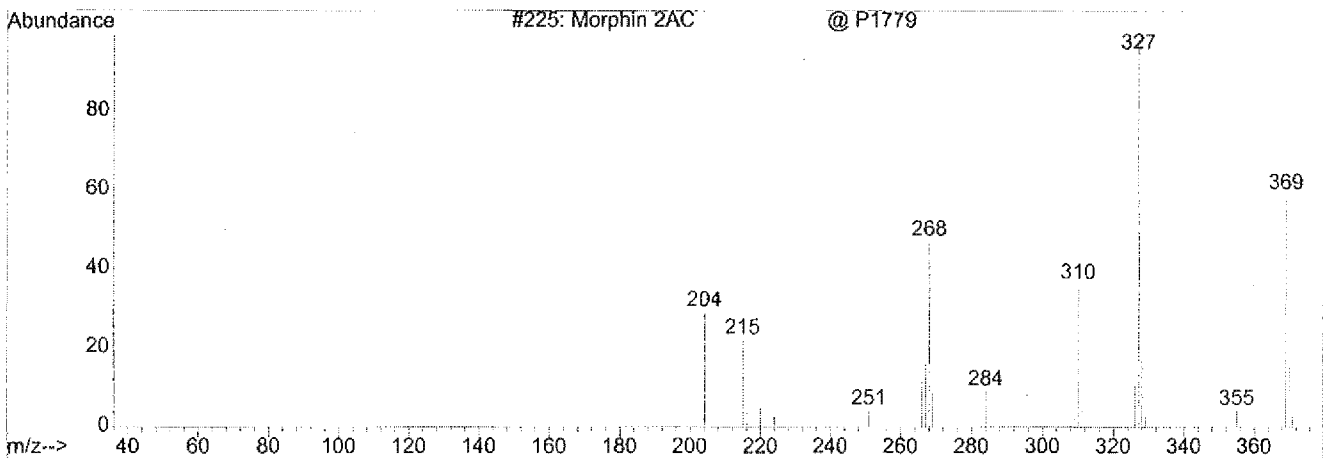
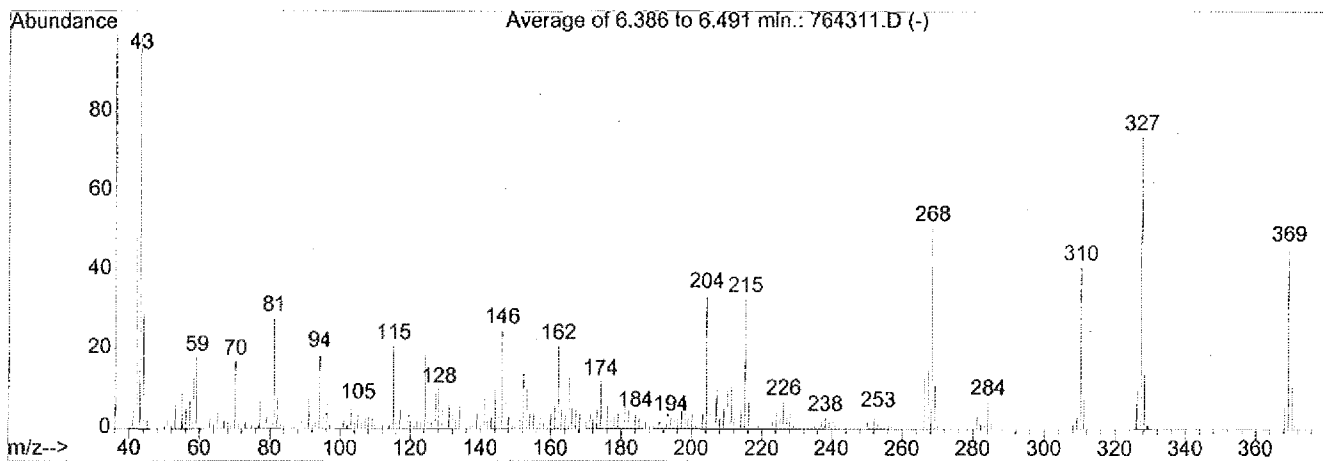
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File Name       : J:\01_06_11\764311.D
Operator        : ASD/KAC
Date Acquired   : 6 Jan 2011  14:32
Sample Name     : ██████████
Submitted by    : ASD
Vial Number     : 11
AcquisitionMeth : DRUGS
Integrator      : RTE
  
```

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Search Libraries: C:\DATABASE\SLI.L           Minimum Quality: 90
                  C:\DATABASE\PMW_TOX2.L      Minimum Quality: 90
                  C:\DATABASE\NIST98.L
  
```

PK#	RT	Library/ID	CAS#	Qual
1	6.42	C:\DATABASE\PMW_TOX2.L		
		Morphin 2AC	@ 000561-27-3	94
		Heroin-M (6-acetyl-morphine)	059833-14-6	91
		Naloxone AC	000000-00-0	43



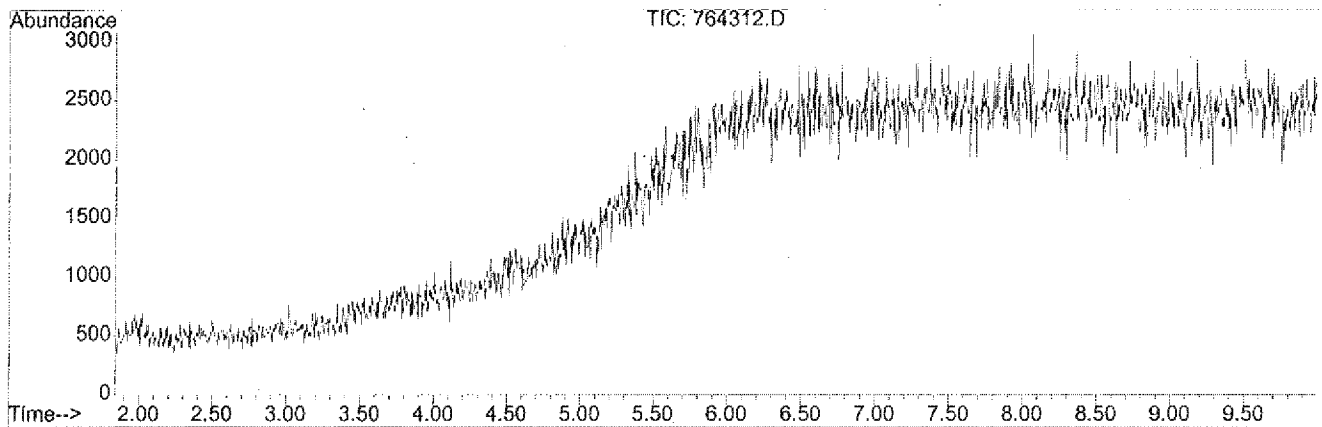
# Area Percent / Library Search Report

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Date Acquired : 6 Jan 2011 14:44  
Sample Name : BLANK  
Submitted by : ASD  
Vial Number : 1  
AcquisitionMeth: DRUGS  
Integrator : RTE

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Ret. Time	Area	Area %	Ratio %
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\*\*\*NO INTEGRATED PEAKS\*\*\*

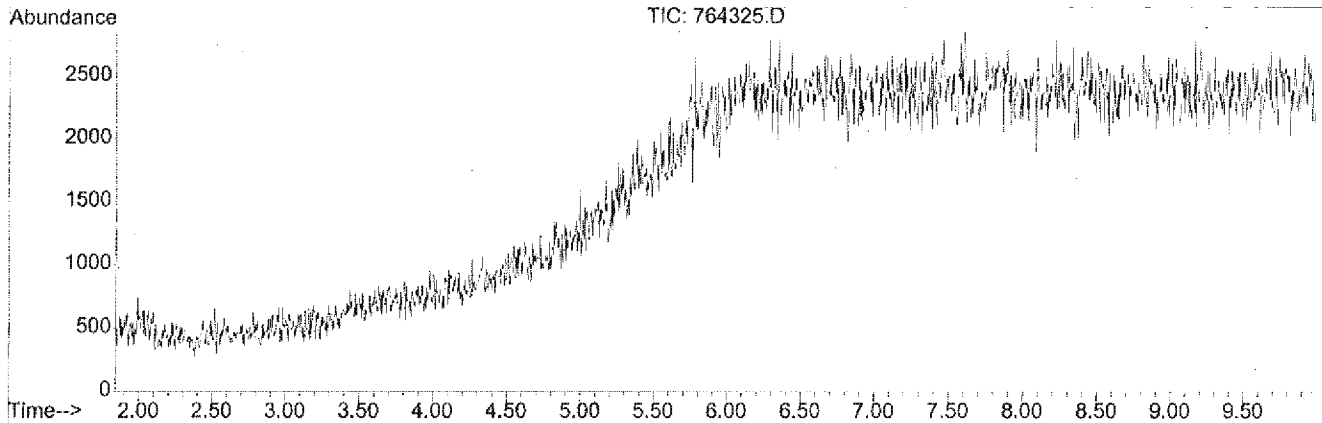
# Area Percent / Library Search Report

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File Name : J:\01\_06\_11\764325.D  
Operator : ASD/KAC  
Date Acquired : 6 Jan 2011 17:28  
Sample Name : BLANK  
Submitted by : ASD  
Vial Number : 1  
AcquisitionMeth: DRUGS  
Integrator : RTE

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Ret. Time	Area	Area %	Ratio %
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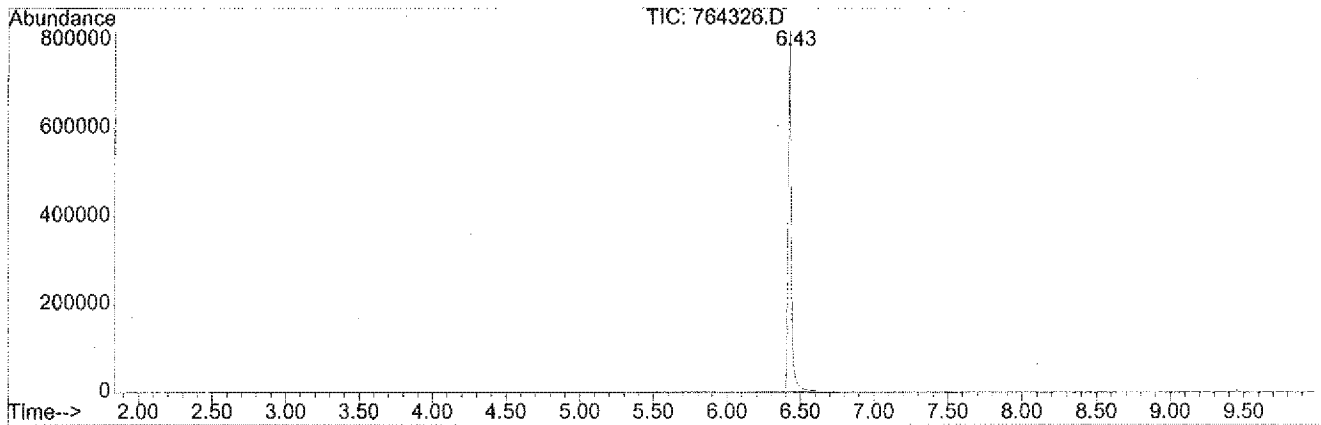
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\*\*\*NO INTEGRATED PEAKS\*\*\*

# Area Percent / Library Search Report

Information from Data File:

File Name : J:\01\_06\_11\764326.D  
 Operator : ASD/KAC  
 Date Acquired : 6 Jan 2011 17:41  
 Sample Name : HEROIN STD  
 Submitted by : ASD  
 Vial Number : 5  
 AcquisitionMeth: DRUGS  
 Integrator : RTE



Ret. Time	Area	Area %	Ratio %
6.428	1245610	100.00	100.00

# Area Percent / Library Search Report

**Information from Data File:**

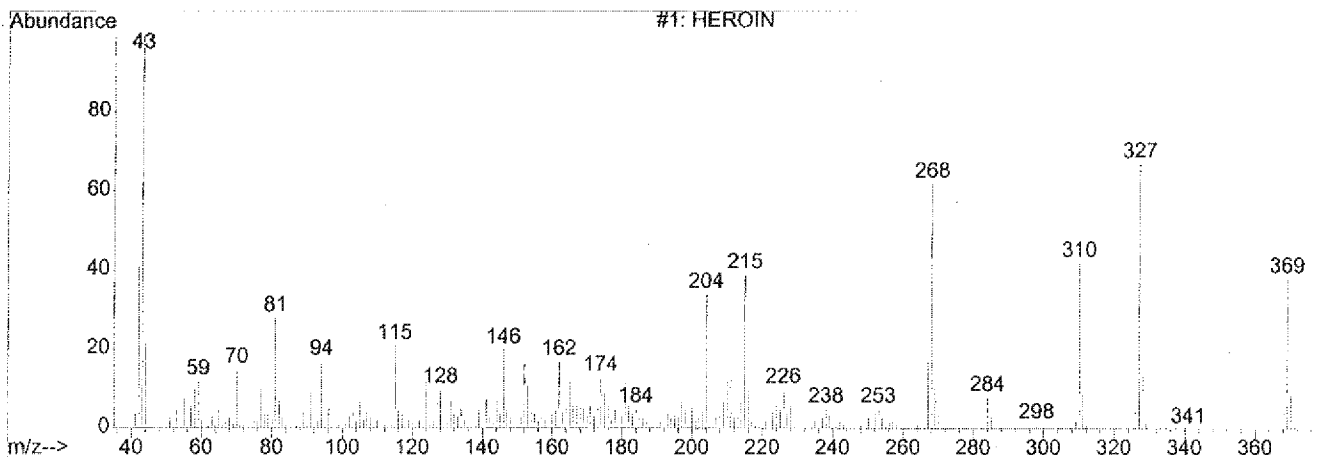
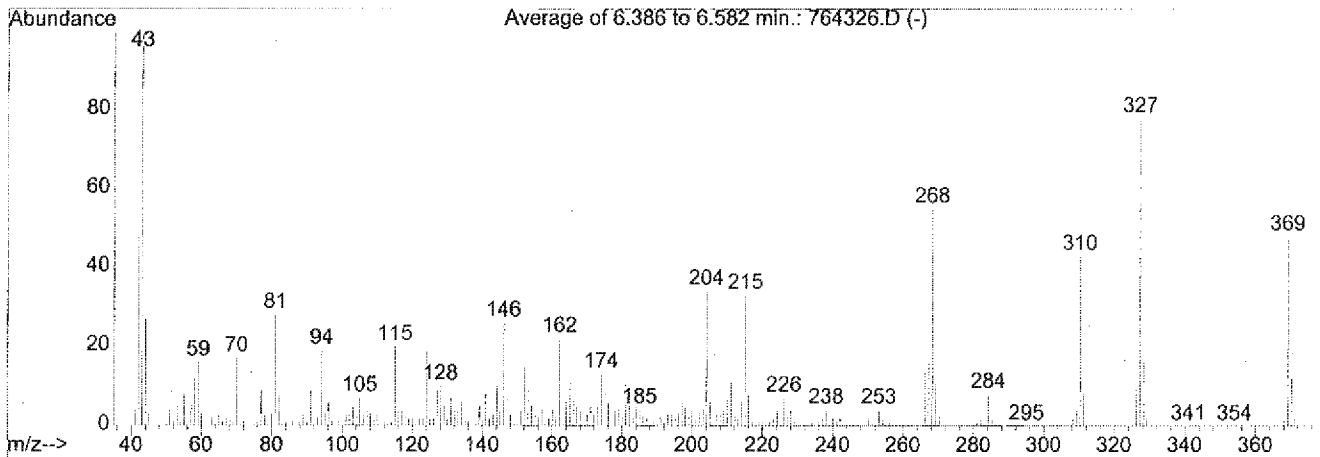
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File Name       : J:\01_06_11\764326.D
Operator        : ASD/KAC
Date Acquired   : 6 Jan 2011 17:41
Sample Name     : HEROIN STD
Submitted by    : ASD
Vial Number     : 5
AcquisitionMeth : DRUGS
Integrator      : RTE
  
```

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Search Libraries: C:\DATABASE\SLI.L           Minimum Quality: 90
                  C:\DATABASE\PMW_TOX2.L      Minimum Quality: 90
                  C:\DATABASE\NIST98.L
  
```

PK#	RT	Library/ID	CAS#	Qual
1	6.43	C:\DATABASE\SLI.L HEROIN	000561-27-3	99

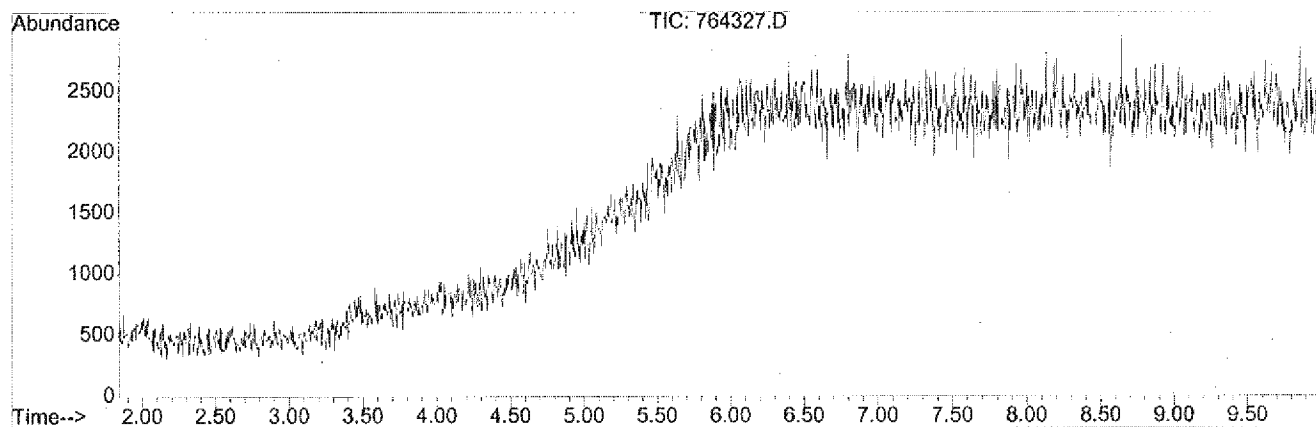




# Area Percent / Library Search Report

Information from Data File:

File Name : J:\01\_06\_11\764327.D  
 Operator : ASD/KAC  
 Date Acquired : 6 Jan 2011 17:54  
 Sample Name : BLANK  
 Submitted by : ASD  
 Vial Number : 1  
 AcquisitionMeth: DRUGS  
 Integrator : RTE



Ret. Time	Area	Area %	Ratio %
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\*\*\*NO INTEGRATED PEAKS\*\*\*